Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Saturday 14 Oct 2023 until 23:59 on Sunday 15 Oct 2023

Forecast Issued on Saturday 14 Oct 2023 at 04:21

Confidence: High for a transition to much colder and fresher conditions this weekend. Moderate for shower detail in the west on today with risk of wintry precipitation at higher elevations.

Headline for Saturday 14 Oct 2023: Sunny periods and isolated showers. Rather windy and feeling colder.

Mountain weather hazards on Saturday 14 Oct 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain showers (night)	Sunny	Sunny intervals	Sunny intervals	Clear night	Clear night
Precipitation probability					
30%	<05%	20%	20%	<05%	<05%

Forecast for Saturday 14 Oct 2023

Weather: Areas of cloud at times, bringing isolated showers, these most likely across western areas with soft hail possible at times. At first this morning showers will fall as sleet on the highest tops. Sunny periods will occur as well, the best of these early and late today. Moderate breezes at low levels, rather windy at higher elevations. Dry and largely clear this evening with only patchy cloud.

Chance of cloud-free hill tops above 600m: 90%.

Low Cloud and visibility: Excellent visibility outside of cloud with distant hills clearly visible. Visibility briefly falling to moderate in showers, locally poor in any wintry showers. Cloud bases infrequently lowering to 600m mainly as showers push through.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Saturday 14 Oct 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/27 W	16/19 W	16/23 W	15/21 W	11/18 W	12/19 NW	11/18 NW
300	10/27 NW	9/19 NW	11/22 W	11/22 NW	6/18 W	6/17 NW	4/14 NW
Valley	2/17 NW	2/7 W	12/22 W	11/21 NW	5/15 NW	4/15 NW	4/13 NW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-3	3/-2	5/-0	4/-1	2/-2	2/-3	0/-4
300	5/1	6/4	8/5	7/4	4/2	3/0	1/-1
Valley	4/3	7/6	9/6	8/6	5/3	4/2	3/1
Freezing Level	800m	800m	900m	900m	800m	700m	600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

There is a risk of severe wind chill across the highest summits and routes. Isolated passing wintry showers on the highest routes could quickly deteriorate visibilities, becoming locally poor, though should be short-lived.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sat 14 Oct 2023	6.4mm	6.4mm	16.2mm

Forecast for Sunday 15 Oct 2023

Weather: Dry and largely clear but cold overnight with some frost forming in valleys and on higher routes. Some patchy cloud developing on western slopes for a time. During the day, mostly sunny with winds falling light. Remaining fine and clear through the evening.

Maximum wind: Northwesterly 15-20mph, with gusts up to 25mph.

Chance of cloud-free hill tops above 600m: Generally greater than 95%, but 80% in the west during the early hours of Sunday.

Low Cloud and visibility: Widely excellent visibility with distant hills clearly visible. Visibility locally poor or very poor early Sunday in any early cloud on western slopes.

Temperature: **Valleys:** Around Zero Celsius rising to plus 9 Celsius.
At 600m: Zero Celsius rising to plus 4 Celsius.
Freezing level: Above summits.

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